



## RAVENOL TSJ SAE 10W-30

RAVENOL TSJ SAE 10W-30 is a semi-synthetic low friction motor oil with CleanSynto® technology with polyalphaolefin for passenger car petrol and diesel engines with and without turbo-charging and direct injection. Formulated to minimise friction, wear and fuel consumption with excellent cold start characteristics. Suitable for extended oil change intervals where recommended by manufacturer.

RAVENOL TSJ SAE 10W-30 is especially produced for the use in cars of Japanese and Asian manufacturers.

### Application Notes

RAVENOL TSJ SAE 10W-30 is suitable for the use in all modern cars of Japanese and Asian manufacturers all the year.

### Quality Classifications

#### Specifications

ACEA A3/B4

#### Approvals

License: API SN Resource Conserving, API SM Energy Conserving, ILSAC GF-5

#### Practice and tested in aggregates with filling

Toyota, Nissan, HONDA, Mitsubishi, MAZDA, Suzuki, Isuzu, Subaru, Daihatsu, KIA, Hyundai, SsangYong, Daewoo, Fiat 9.55535-CR1, Chrysler MS-6395

### Characteristic

RAVENOL TSJ SAE 10W-30 offers:

- An universal use in all modern petrol and diesel engines
- A quick lubrication of the engine even at low temperatures
- A low evaporation tendency, therefore a low oil consumption
- Safety against sludge accumulations, cokings and corrosion even under unfavourable operating conditions
- Guarantee of the function of the hydro tappets at all temperatures
- No oil limited deposits in combustion chambers, at the piston ring and valves
- Unchanged viscosity during the whole oil change interval, a high viscosity index
- Neutral behaviour against sealing materials

Characteristics	Unit	Data	Audit
Colour		yellow brown	visual
Density at 20°C	kg/m <sup>3</sup>	873	EN ISO 12185
Viscosity at 40°C	mm <sup>2</sup> /s	80,0	DIN 51 562
Viscosity at 100°C	mm <sup>2</sup> /s	12,1	DIN 51 562
Viscosity index VI		147	DIN ISO 2909
Flash point (COC)	°C	210	DIN ISO 2592
Pourpoint	°C	-33	DIN ISO 3016
TBN	mg KOH/g	6,7	DIN ISO 3771
Sulphated ash	%wt.	0,89	DIN 51 575

All indicated data are approximate values and are subject to the commercial fluctuations.

All information correspond to the best of our knowledge to the actual situation of the cognitions and our development. Subject to alterations. All references made to DIN-norms are only for the description of the goods. There is no guarantee. In case there will be any problems please contact the technical service.

23.03.2016

Ravensberger Schmierstoffvertrieb GmbH

Postfach 1163

33819 Werther

Tel.: 05203/9719-0

Fax.: 052039719-40 / 41